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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): I. ARAI, et al  
Serial No.: 09/732,292  
Filed: December 8, 2000  
For: INFORMATION OUTPUT SYSTEM  
Group: 2181  
Examiner: B. Phan

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FEB 06 2002  
Technology Center 2100

**TERMINAL DISCLAIMER**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Hitachi, Ltd., a corporation under the laws of Japan, located at 6, Kanda-Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, is the sole owner of the entire interest in and to U.S. Application Serial No. 09/732,292, filed December 8, 2000, for INFORMATION OUTPUT SYSTEM, which is a continuation of U.S. application Serial No. 09/265,363, filed March 10, 1999, now U.S. Patent No. 6,247,090, which is a continuation of U.S. application Serial No. 08/833,346, filed April 4, 1997, now U.S. Patent No. 5,867,147, which is a continuation of U.S. application Serial No. 08/598,903, filed February 9, 1996, now U.S. Patent No. 5,562,845, by virtue of an Assignment recorded in the U.S. Patent and Trademark Office on January 9, 1997, under Reel 8319, Frame 0894, in connection with

application Serial No. 08/598,903, filed February 9, 1996, now U.S. Patent No. 5,652,845.

Hitachi, Ltd., hereby disclaims the terminal part of any patent granted on the above-identified application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 to 156 and 173, as presently shortened by any terminal disclaimer of U.S. Patent No. 6,247,090, issued June 12, 2001, and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such time that the legal title to said patent shall be the same as the legal title to U.S. Patent No. 6,247,090; this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors and assigns.


In making the above disclaimer, Hitachi, Ltd. does not disclaim the terminal part of any patent granted on the above-identified application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173, as presently shortened by any terminal disclaimer, of U.S. Patent No. 6,247,090 in the event that U.S. Patent No. 6,247,090 later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is otherwise terminated prior to expiration of its full

statutory term, as presently shortened by any terminal disclaimer.

The undersigned, (Melvin Kraus, the attorney of record), is empowered to act on behalf of the assignee, i.e. Hitachi, Ltd. for execution and submission of this Terminal Disclaimer. Further, on behalf of the assignee, the evidentiary document has been reviewed and it is certified that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take action.

The undersigned hereby declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: February 4, 2002

  
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